

Appl. No. 10/502,184  
Amdt. dated Apr. 4, 2006  
Reply to Office Action Mailed Jan. 11, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A lamp for a vehicle headlight having with a low-beam function capable of generating a bright-dark cut-off for emitted light, which the lamp comprising:

~~has an outer envelope (4) configured to and emits at~~  
least visible light of different colors from several regions of the outer envelope ~~(4), characterized in that~~  
~~in that~~ wherein:

~~at least a partial a coating (2) is provided on at~~  
least part of the outer envelope, the coating (4) being  
such that, during operation of the lamp to illuminate a  
traffic space with ~~when the low-beam function is being~~  
~~realized, at least that a first region of the traffic~~  
space ~~which lies above the bright-dark cut-off can be~~ is at  
least partly illuminated with visible colored light ~~which~~  
~~is scattered at said partial the coating (2), while at the~~  
~~same time that a second region of the traffic space which~~

Appl. No. 10/502,184  
Amdt. dated Apr. 4, 2006  
Reply to Office Action Mailed Jan. 11, 2006

~~lies~~ below the bright-dark cut-off ~~can then being~~  
illuminated with visible light of a different color in  
defined regions.

Claim 2 (currently amended): The A-lamp as claimed in  
claim 1, ~~characterized in that wherein~~ the light source of  
the lamp ~~(1)~~ is a high-pressure discharge lamp, ~~or an non-~~  
halogen incandescent lamp or, in particular a halogen  
lamp.

Claim 3 (currently amended): The A-lamp as claimed in  
claim 1, ~~characterized in that wherein the partial coating~~  
~~(2)~~ ~~or at least a portion of theis coating is an~~  
absorption coating capable of preferentially, at least in  
part, which scatterings in particular yellow light at  
~~least partly.~~

Claim 4 (currently amended): The A-lamp as claimed in  
claim 1, ~~characterized in that wherein the partial coating~~  
~~(2)~~ ~~or at least a portion of theis coating is an~~  
interference coating or a combined absorption and

Appl. No. 10/502,184  
Amdt. dated Apr. 4, 2006  
Reply to Office Action Mailed Jan. 11, 2006

interference coating capable of which transmittance in  
~~particular~~ blue light.

Claim 5 (currently amended): The A-lamp as claimed in  
claim 1, ~~characterized in that~~wherein a partial coating,  
comprising, in particular a yellow absorption layer, is  
arranged in a defined manner ~~in particular on the front or~~  
~~rear region of~~on the lamp's outer envelope (4).

Claim 6 (currently amended): The A-lamp as claimed in  
claim 1, wherein pinstripes are disposed on an area of the  
outer envelope and characterized in that the partial  
coating (2) comprises at least a first portion (21) which  
is an absorption coating which scatters ~~in particular~~  
yellow light at least partly and a second portion (22)  
which is arranged in a striped pattern along the  
pinstripes (5).

Claim 7 (currently amended): The A-lamp as claimed in  
claim 6, ~~characterized in that~~wherein at least one portion

Appl. No. 10/502,184  
Amdt. dated Apr. 4, 2006  
Reply to Office Action Mailed Jan. 11, 2006

of the partial coating (2) extending in a striped pattern  
along the lamp envelope axis transmits bluish light.

Claim 8 (currently amended): The A-lamp as claimed in  
claim 1, characterized in that, configured to illuminate,  
in the realization of the low-beam function, - the traffic  
space can be illuminated in the vicinity of the bright-  
dark cut-off in a defined manner by light passing through  
the partial coating (2).

Claim 9 (previously presented): A lighting device  
comprising at least a lamp (1) at least the as-lamp  
claimed in claim 1.

Claim 10 (new): The lamp claimed in claim 1, wherein a  
partial coating comprising a yellow-absorption layer, is  
arranged on a front or a rear region of the lamp's outer  
envelope.

Claim 11 (new): A vehicle headlight lamp having a low  
beam function, the lamp comprising an outer envelope and a

Appl. No. 10/502,184  
Amdt. dated Apr. 4, 2006  
Reply to Office Action Mailed Jan. 11, 2006

partial coating provided on the outer envelope, the lamp being capable during operation of the low beam function of generating during operation a bright-dark cut-off line in light emitted by the lamp, a first illumination region being then positioned directly above the bright-dark cut-off line and illuminated with yellow light scattered at the partial coating, a second illumination region being positioned directly below the cut-off line and illuminated with bluish light.

Claim 12 (new): The lamp claimed in claim 11, wherein the light source of the lamp is a high-pressure discharge lamp, a halogen lamp or an incandescent lamp which is not a halogen lamp.

Claim 13 (new): The lamp claimed in claim 11, wherein the partial coating or at least a portion of said partial coating is an absorption coating scattering, at least partly, yellow light.

Claim 14 (new): The lamp claimed in claim 11, wherein the partial coating or at least a portion of the partial

Appl. No. 10/502,184

Amdt. dated Apr. 4, 2006

Reply to Office Action Mailed Jan. 11, 2006

coating is an interference coating preferentially transmitting blue light or a combined absorption and interference coating preferentially transmitting blue light.

Claim 15 (new): The lamp claimed in claim 11, wherein a portion of the partial coating comprising a yellow absorption layer is arranged in a defined manner in particular on the front or rear region of the outer envelope.

Claim 16 (new): The lamp claimed in claim 11, wherein the partial coating comprises at least a portion which is an absorption coating scattering preferentially, at least partly, yellow light and a second portion arranged in a striped pattern along the pinstripes.

Claim 17 (new): A lamp as claimed in claim 16, wherein a portion of the partial coating extends in a striped pattern along the lamp envelope axis and transmits bluish light.

Appl. No. 10/502,184

Amdt. dated Apr. 4, 2006

Reply to Office Action Mailed Jan. 11, 2006

Claim 18 (new): A vehicle headlight lamp having a low beam function, the lamp comprising a lamp envelope, the lamp envelope being provided with means for illuminating, during use of the low beam function, both a first illumination region positioned directly above a bright-dark cut-off line and a second illumination region positioned directly below the bright-dark cut-off line, the first illumination region being illuminated with light of a different color from the light illuminating the second illumination region.

Claim 19 (new): The lamp of claim 18 wherein the light illuminating the first illumination region is yellowish.

Claim 20 (new): The lamp of claim 18 wherein the light illuminating the second illumination region is bluish.

Claim 21 (new): The lamp of claim 18 wherein the lamp is capable of emitting at least visible light of multiple wavelengths through the envelope and the means for illuminating comprises a partial coating.

Appl. No. 10/502,184

Amdt. dated Apr. 4, 2006

Reply to Office Action Mailed Jan. 11, 2006

Claim 22 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is an absorption coating scattering, at least partly, yellow light.

Claim 23 (new): The lamp of claim 22 wherein one or more pinstripes are arranged on the lamp envelope and at least a portion of the absorption coating is arranged in a striped pattern along the one or more pinstripes.

Claim 24 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is an interference coating or a combined absorption and interference coating and which preferentially transmits blue light.

Claim 25 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is a yellow absorption layer arranged on a front region of the lamp envelope or on a rear region of the lamp envelope.